

1 DATA PROCESSING AND DIFFERENCE COMPUTATION FOR GENERATING
2 ADDRESSING INFORMATION

3 ABSTRACT

4 Methods, apparatus and systems to keep a desired element
5 properly addressed in a structured document in which
6 particular elements are addressed, even if the structured
7 document is modified. In an example embodiment, the
8 invention comprises a difference computation unit for
9 computing a difference between structured documents, and an
10 XPath update unit for generating addressing information from
11 addressing information that addresses a part of a particular
12 structured document based on information on the difference
13 computed by the difference computation unit, the generated
14 addressing information addressing a corresponding part of
15 the other structured document.

16 [Selected Drawing] Figure 2